Oregon
SCIENTIFIC

LCD Clock with Projection & Analogue FM Radio
Model: RRA320PN

USER MANUAL

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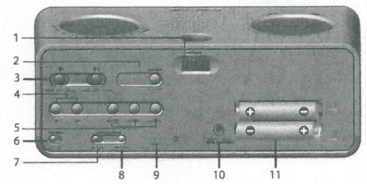
OVERVIEW

FRONT VIEW (FIG. 1)

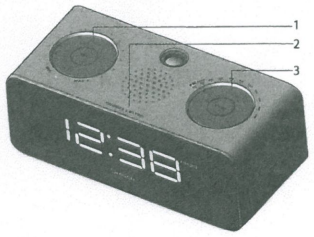
1. AM / PM
2. Clock
3. Radio ON
4. Sleep mode ON
5. Alarm 1 / 2 ON
6. Low Battery indicator

BACK VIEW (FIG. 2)



1. **FOCUS** Wheel: Adjust projection focus
2. **RADIO**: Turn radio On / Off
3. **ALARM 1** and **2**: Select alarm type, BEEP / OFF / RADIO
4. **+ / -** : Increase / decrease values of the selected setting
5. SET / **SET** 1 / 2, : Change settings / display / View respective alarm status; set alarm
6. **DIMMER**: Select display brightness LO / HI
7. **PROJECTION ON**: Enable / disable continuous projection
8. **180° ROTATION**: flip image180°
9. **RESET**: Reset unit to default settings
10. AC / DC socket
11. Battery compartment

TOP VIEW (FIG. 3)



1. **VOL**: Mute / adjust radio volume
2. **SNOOZE / SLEEP**: silence alarm for 8 minutes
3. **TUNE**: Select radio frequency

GETTING STARTED

INSERT BATTERIES

1. Plug AC / DC adaptor into socket.

Memory backup:

2. Remove the battery compartment cover.
3. Insert the batteries, matching the polarities (FIG. 2).

SET CLOCK

1. Press SET.
2. Press + or - to change the settings.
3. The settings order is: 12/24 hr format, hour, minute.

ALARM

To set the alarm:

1. Press and hold desired **SET** 1 / 2.
2. Press + / - to set hour / minute.
3. Press SET (or 10 seconds of inaction) to return display to clock mode.

To activate / deactivate alarm:

Slide to:

- **OFF** – disable alarm
- **BEEP** - beep alarm
- **RADIO** – Radio alarm

To silence the alarm:

- Press **SNOOZE / SLEEP** to silence it for 8 minutes

OR

- Press SET, **SET** 1 / 2, **+ / -** to turn the alarm off and activate it again after 24 hours.

RADIO

To activate / deactivate radio:

1. Slide **RADIO ON/OFF** to turn on the radio.
2. Turn **TUNE** rotary dial to select frequency

To adjust volume:

- Turn **VOL** rotary dial to mute / adjust volume.

To activate sleep timer:

- Press **SNOOZE / SLEEP** to enter sleep mode.
- Press **SNOOZE / SLEEP** to change the sleep time. setting (120, 90, 60, 30, 15, 0 min).

PROJECTION

This unit projects time information for your convenience.

For continuous projection:

- Slide **PROJECTION** switch when adaptor is connected, to enable / disable.

To flip projected image by 180°:

- Press 180° Flip.

To focus image:

- Turn **FOCUS** wheel.

NOTE If projection is illuminated, do not look directly into the projector.

RESET

Press **RESET** to return to the default settings.

PRECAUTIONS

- Do not subject the unit to excessive force, shock, dust, temperature or humidity.
- Do not cover the ventilation holes with any items such as newspapers, curtains etc.
- Do not immerse the unit in water. If you spill liquid over it, dry it immediately with a soft, lint-free cloth.
- Do not clean the unit with abrasive or corrosive materials.
- Do not tamper with the unit 's internal components. This invalidates the warranty.
- Only use fresh batteries. Do not mix new and old batteries.
- Images shown in this manual may differ from the actual display.
- When disposing of this product, ensure it is collected separately for special treatment and not as normal household waste.
- Placement of this product on certain types of wood may result in damage to its finish for which Oregon Scientific will not be responsible. Consult the furniture manufacturer's care instructions for information.
- The contents of this manual may not be reproduced without the permission of the manufacturer.
- Do not dispose old batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
- Please note that some units are equipped with a battery safety strip. Remove the strip from the battery compartment before first use.

NOTE The technical specifications for this product and the contents of the user manual are subject to change without notice.

NOTE Features and accessories will not be available in all countries. For more information, please contact your local retailer.

SPECIFICATIONS

TYPE	DESCRIPTION
MAIN UNIT	
L x W x H	183 x 67 x 81mm (72 x 26.4 x 31.9in)
Weight	386 g (13.6 oz) without battery
Power	6 V AC adaptor 2 x UM-4 (AAA) 1.5 V batteries

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If you're in the US and would like to contact our Customer Care department directly, please visit:
www2.oregonscientific.com/service/support.asp
For international inquiries, please visit:
www2.oregonscientific.com/about/international.asp.

EU-DECLARATION OF CONFORMITY

Hereby, Oregon Scientific, declares that this LCD Clock with Projection & Analogue FM Radio (Model: RRA320PN) is in compliance with EMC directive 2004/108/EC. A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

DECLARATION OF CONFORMITY

The following information is not to be used as contact for support or sales. Please visit our website at www2.oregonscientific.com/service for all enquiries.

We

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